

# California OES Weather Threat Briefing

Sunday, December 12, 2021  
9:00 AM PST

**Day 1 (Sunday):** Heavy rain, mountain snow, and strong, gusty winds are expected across central and northern California.

National Weather Service

*Western Region Headquarters  
Regional Operations Center  
Salt Lake City, UT*



# WEATHER KEY POINTS

12/12/21 - 12/18/21

## Sunday - Saturday

- A significant weather system expected to impact much of the state through mid week, with multiple rounds of rain, mountain snow, and gusty winds.
  - Snow levels across Northern California will range from 1000-4000 feet, but accumulating snow is possible as low as 1000 feet above sea level by the end of the storm Tuesday
  - Moderate to heavy rain and snow are expected for Northern California, with two to four inches of rain possible in the valleys of Northern California and several feet of snow likely in the Sierras
  - Areas of strong, gusty winds of 60-70 mph could lead to tree damage and local power outages. Higher gusts are expected across the ridges.
    - Low visibility is expected at higher elevations with snow and blowing snow.
  - Across Southern California, the heaviest precipitation is expected Monday into Tuesday, with up to three inches of rain possible across coastal Southern California, and 3-5 inches of rain in the southern foothills and mountains.
    - Snow is also expected across higher mountains of Southern California, with travel impacts possible. Snow levels will start out around 7000 ft through Tuesday, then lower to 4500 ft Tuesday evening
  - The heavy rain and snow will raise the threat for flash flooding, river flooding, mudslides/debris flows, and travel hazards across the region.
    - **At this time, the burn scars of most concern are the Alisal, Apple, Bobcat, Dam, Ranch 2, Lake, Palisades, western portions of the Caldor, Creek, Feather River portion of the Dixie, KNP, Windy, and the SQF Complex.** Burn scars across far northern California are of less concern at this time with the snow level being low during this event.
- Precipitation is expected to end sometime Tuesday night into early Wednesday, but additional storms could move into northern and central portions of the state later Wednesday into Thursday.



# CALIFORNIA WEATHER IMPACTS

12/12/21 - 12/18/21

<u>Hazards / Day</u>	SUN	MON	TUE	WED	THU	FRI	SAT
<b>Non-Thunderstorm Damaging Winds</b>	Coastal/ Inland	Coastal/ Inland/ Southern	Inland/ Southern	Southern			
<b>Snow</b>	Coastal/ Inland	Coastal/ Inland	Coastal/ Inland/ Southern	Coastal/ Inland/ Southern	Coastal/ Inland		
<b>Coastal Flooding</b>							
<b>River Flooding</b>							
<b>Thunderstorms</b> (Wind / Hail / Tornadoes)							
<b>Fire Weather</b> (Low Humidity / Wind / Dry Thunderstorms)							
<b>Heat Risk</b>							
<b>Heavy Rain/Flash Flooding/ Debris Flow</b>	Coastal/ Inland	All Regions	Coastal/ Inland/ Southern	Southern			
<b>Cold</b>	Coastal/ Inland	Coastal/ Inland					



No Impacts



Minimal Impacts



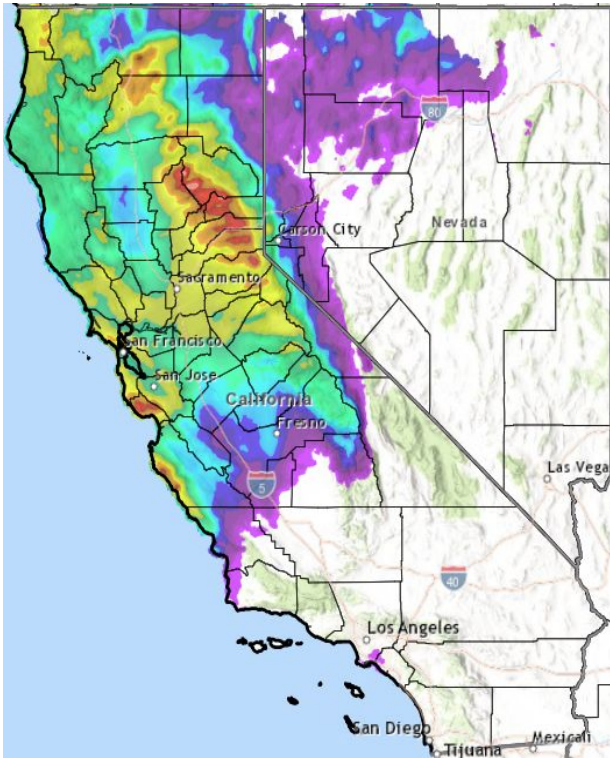
Moderate Impacts



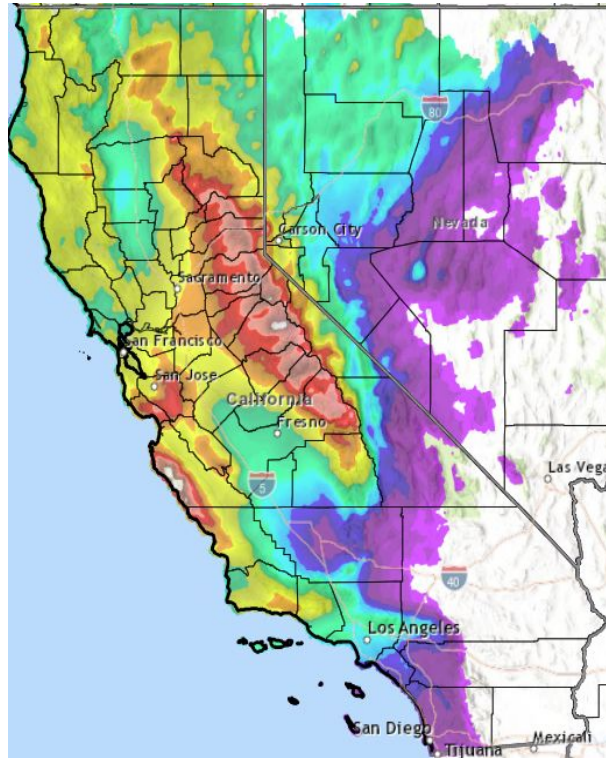
Severe Impacts

# PRECIPITATION FORECAST

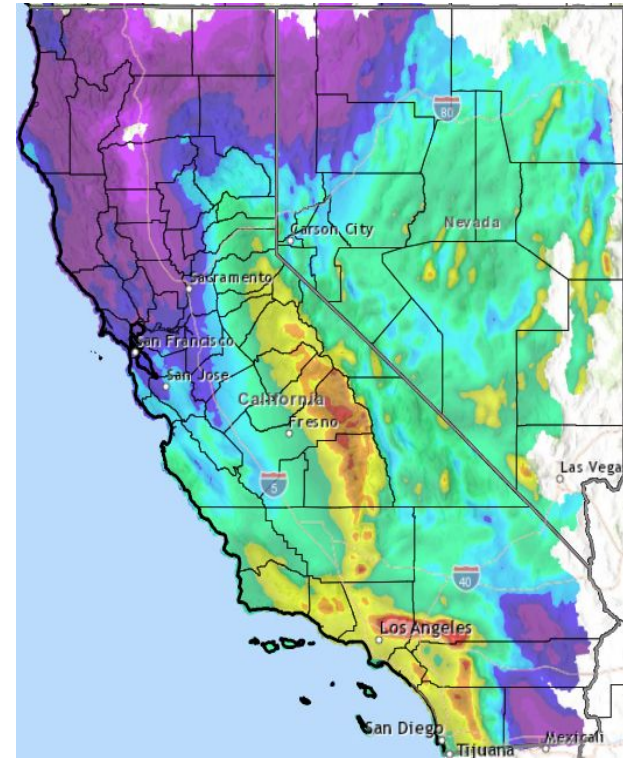
12/12/21 - 12/14/21



**Sunday**



**Monday**



**Tuesday**

**Note:** Forecast precipitation amounts are an average for any particular location. Thunderstorms may produce locally higher rainfall amounts.

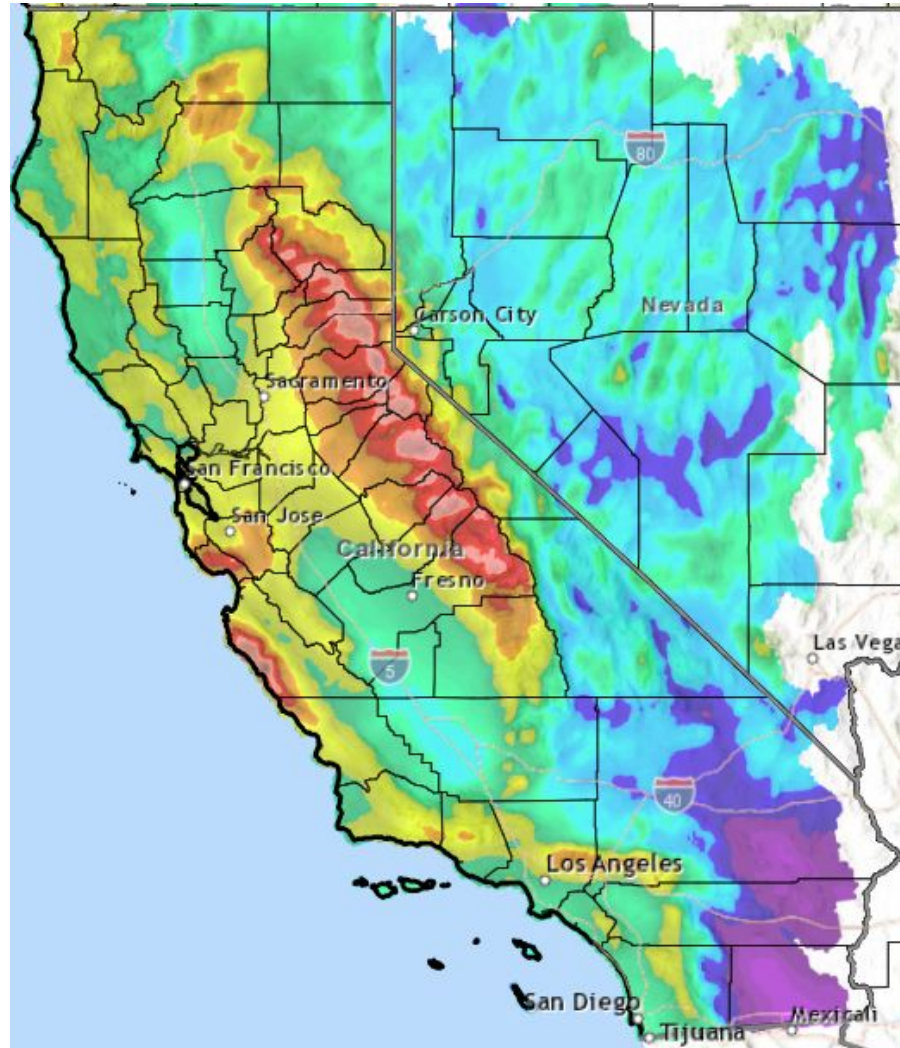
**Precipitation (inches)**



# 3 DAY TOTAL PRECIPITATION FORECAST

12/12/21 - 12/15/21

(Today through early Wednesday Morning)



Precipitation (inches)



# **WEATHER OUTLOOK**

**12/17/21 - 12/25/21**

## **6-10 Day Outlook (December 17 – December 21)**

### **Temperatures**

- Below normal temperatures are favored statewide

### **Precipitation**

- Above normal precipitation is favored for the majority of the state, with near normal precipitation favored for southern California

## **8-14 Day Outlook (December 19 – December 25)**

### **Temperatures**

- Below normal temperatures are favored to continue statewide

### **Precipitation**

- Above normal precipitation is favored statewide



Information provided by:

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